BERTIN

GammaTRACER XL2

Autonomous gamma probe

An autonomous probe for continuous measurement, recording and transmission of ambient gamma dose rate.



Detector type	Energy range	Weight
2 or 3 independent GM tubes, energy-compensated H*(10) [1]	**45 keV–2 MeV** [1]	**.2–7.1 kg, depending on type and options** [1]

Specifications

DETECTOR		
Detector type	2 or 3 independent GM tubes, energy-compensated H*(10)	[1]
Built-in sensors	GPS, temperature, movement and humidity	[1]
MEASURING RANGE		
Energy range	45 keV–2 MeV	[1]
Dose-rate range	10 nSv/h–10 Sv/h	[1]
CONNECTIVITY & INTERFACE		
Communication	IR, RS232/RS485, Bluetooth; optional Ethernet/radio/cellular/satellite	[1]
Data storage	Up to 10,000 data sets	[1]
POWER & BATTERY		
Power supply	Internal 7.5 Ah batteries, rechargeable or non-rechargeable (optional 15 Ah rechargeable); internal 360° solar panel or external 10 Wp solar panel	[1]
MECHANICAL		
Weight	2.2–7.1 kg, depending on type and options	[1]
GENERAL		
Measurement functions	Gamma dose rate, recording and transmission	[1]
Measurement cycle	1 min–2 h; optional 1 s fast mode	[1]

Sources

[1] **GammaTRACER XL2 – Autonomous gamma probe**
Bertin Technologies · product-page · Datasheet tab (specifications); Product description · checked 2026-10-16
https://www.bertin-technologies.com/product/environmental-radiation-monitoring/gammatracer/

Every value is taken from the manufacturer’s own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer’s published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.